



PO No	Supplier	Line Item No	Ref No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total
PO038657	ACI001-VC	2	1	Net 30	M303R0.313	303 Round Bar .313 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft				24	12/19/2017	24		S026900	Stock	12/23/2017	\$ 0.95 / ft	0	\$22.	
			3		M303R0.500	303 Round Bar 0.500" : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft				72		72		S026901	Stock	12/23/2017	\$ 1.97 / ft	0	\$142.	
										Total:	96		96							\$129.1

Plex 12/23/2017 8:51 AM Dart.Dubois.Pascal

DELIVERY - CLIENT

CO00067428

ACIER OUELLETTE INC.

935, Boul. du Havre

Salaberry de Valleyfield (Québec) J6S 5L1

Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248

Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CLT0001056
Date 2017/12/15
Delivery date 2017/12/21

Your order N° P0038657

Billed to
DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M
Delivery Route 5
Page 1

Carrier OUELLETTE VALLEYFIELD
Credit Termé Net 30 Days

Salesman Stephanie Dignard

Product Description	Weight	Qty	U/M	Internal Use Only					
				CMD	EXP	B/O	IN	I	S
1 ROUND SS 1/2 303 RANDOM RSS-12303-V 5727 6 X 12' R/L ACJ2324-MA-18/12	48.02	72.00	PL-\$CLB	64	12		72		
2 ROUND SS 5/16 303 RANDOM NS RSS-516303-V 8539 2 X 12' R/L ACJ2324-MA-18/12	6.24	24.00	PL-\$CLB	24	12		24		

Total Weight (Lbs): 54.26

NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Aciel Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Aciel Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Aciel Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By : Verified By : MHRP

Delivered By : Time Y M D
1/17/2017

Total (\$CAD)

Customer's Signature



North American Stainless Canada Inc.
740 Imperial Road North

Guelph, ON N1K 2Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Customer: 007080 003
Certificate: 284339 2

Printed: 00

Order: MN5663

has order: IN 0246269 04

PROJECT DESC

111

COMPLIES W/REQUIREMENTS OF DIPAR 252-225-7009 EU DIRECTIVE
2011/65/EU. ROHS. EAP+AOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA. FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

111

BI4256 4 .5000 610 144.00

MECHANICAL PROPERTIES

Product Id	Category	Model No.	2YB KBT	UTB KBT	RA %	Ring %
BL4256 4	RL	240.0	79.94	101.32	30.39	29.56

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

WATSON

CO.67428 DART
VIRAJ PROFILES LIMITED

PO.12324
VIRAJ

Regi & Mkt off: G-33 & 34, MIDC, Industrial Area, Tarapur, Thane(Dist), Maharashtra, INDIA - 401506, E-Mail: sales@viraj.com
Works: SURVEY No- 114,119 & 120, VILL. Mahagaon, Tal: Palgar, Dist: Thane-401501, MAHARASHTRA, INDIA, vielqc@viraj.com

TEST CERTIFICATE

ORDER NO	PACKING LIST NO	INSPECTION NO	DATE
P004082	62/995000/1	100005712489	08.09.2015
		GRADE T-303	HEAT No 35006

BUNDLE NO :
1100398752,

DESCRIPTION
STAINLESS STEEL BRIGHT BARS

COLD DRAWN POLISHED - 2H

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
5/16"	ROUND	ASTM A484	12' - 14'	72	225.000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0470	1.950	0.460	0.3000	0.0330	17.420	8.070	0.490	0.280	0.150	0.03500

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
97.0	113.0	38.0	57.0	228.0	7.0

SPECIFICATION:

MATERIAL CONFIRMS TO DIN 10088-3:2005 COND-A & ASTM A 582/A582M-13 COND A, ASTM A 388-05, ASTM A 484-10, AMS 5640U TYPE I, EXCEPT MARKING, QQS-764BA2 COND A. EXCEPT MARKING, UNS-S-30300, ASTM A314-2008, ASTM A320/A320M-11 & B8F CLASS 1, ASME SA 320 B8F CL1 MIL-S-862 B GRADE AISI 303 & WNR 1.4305.

CERTIFIED AS PER EN 10204- 3.1

REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO:FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO:GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1/2 HRS, WATER QUENCHED. MELT SOURCE:AOD. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION COUNTRY OF ORIGIN: INDIA.

We hereby certify that the material described above has been tested and complies with the terms of order/contract.

U.C. T. 1.7.1
SR 12/04/15

WORKS INSPECTOR
K R K MURTHY

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303R0.500
 DATE: DEC 23 2017

PO / BATCH NO.: 038657/5026901

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 72"
 QUANTITY INSPECTED: 72"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500
 THICKNESS RECEIVED: 0.500
 SHEET SIZE ORDERED: 11x11
 SHEET SIZE RECEIVED: 11x11

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> <input type="radio"/> N	<i>Astm A582</i>
CORRECT THICKNESS	<input checked="" type="radio"/> <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> <input type="radio"/> N	<i>Heat# 233C</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>and</u>	SIGNED OFF BY: _____
DATE: <u>DEC 23 2017</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

D

PURCHASE MATERIAL: AISI 303 SS ROUND BAR

(NOTE: AISI 304/316 NOT ACCEPTABLE)



SPECIFICATION:

ASTM A582

PART NUMBER:

M303RD-DDD

DIA.

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 0.75" ROUND BAR = M303R0.750

C

C

B

B

B

B	REFORMATTED DWG. ADD SPEC'S (2N DB-1) REF. PART 08-020A	CP	10.01.05
A	NEW ISSUE	DS	01.12.20
REV.	DESCRIPTION		
DESIGN	DART AEROSPACE LTD		
DRAWN		HAWKESBURY, ONTARIO CANADA	
CHECKED		DRAWING NO.	
MFG. APPR.		M303R	REV. B
APPROVED		TITLE	SHEET 1 OF 1
DE APPR.		303 ROUND BAR	SCALE
DATE	10.01.05	NTS	NOT DRAWN TO SCALE

RELEASED
2010-02-02

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303R0.313
 DATE: DEC 23 2017

PO / BATCH NO.: 038657/5026900

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 24"
 QUANTITY INSPECTED: 24"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.313
 THICKNESS RECEIVED: 0.313
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> <input type="radio"/> N	<i>A350M A582</i>
CORRECT THICKNESS	<input checked="" type="radio"/> <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> <input type="radio"/> N	<i>Heat # 35006</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>ml</u>	SIGNED OFF BY: _____
DATE: <u>DEC 23 2017</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS ROUND BAR
(NOTE: AISI 304/316 NOT ACCEPTABLE)

ASTM A562
M303RD.DDD
DIA.

WHERE "D.DDD" = DIAMETER IN INCHES
EG. 0.75" ROUND BAR = M303R0.750

△
SPECIFICATION:
PART NUMBER:

△

RELEASER
R 2010-02-02
JW

B	REFORMAT DWG. AND SPECS (ZN D8-1), REF PAR 06-020A	CP	10-01-05
A	NEW ISSUE	DS	01-12-20
REV.	DESCRIPTION	BY	DATE
DESIGN	DART AEROSPACE LTD		
DRAWN	HAWKESBURY, ONTARIO, CANADA		
CHECKED			
MFG. APPR.			
APPROVED			
DE. APPR.			
DATE	10.01.05		

1 2

A	DART AEROSPACE LTD	REV. B
	HAWKESBURY, ONTARIO, CANADA	
	DRAWING NO.	
	M303R	
	TITLE	
	303 ROUND BAR	
	SCALE	
	NTS	
	COPYRIGHT © 2001 BY DART AEROSPACE LTD. DRAWN ON THE EXPRESSED CONDITION THAT IT IS NOT TO BE COPIED OR USED FOR OTHER PURPOSES. THIS DRAWING IS THE PROPERTY OF DART AEROSPACE LTD.	

1 2



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

BLANKET PURCHASE ORDER PO038657

Supplier:	ACI001-VC Acier Ouellette Inc. 935 Boul. Du Havre Valleyfield QC J6S 5L1 Canada Phone: 800 667 4248 Fax: 450 377 5696	PO No: PO038657 PO Date: 12/15/17 Due Date: 12/19/17 Purchase Order Revision: Revision Date: Ship-To Contact: Lavoie, Chantal Phone: clavoie@dartaero.com
Ship To:	1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200	Blanket Order: 12/15/17 - Via: Ground Pymt Terms: Net 30 Freight Terms: Special Comments: quote # sou0076907

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M303B1.000X03.000		303 Bar 1" X 3' : MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft	-		0 ft	0 ft	0 ft	\$72.25/ft	
				Firmed	1/9/18	12 ft	0 ft	12 ft	\$72.25/ft	\$867.00
						Sub Total:	12	0	12	\$867.00

2	M303R0.313		303 Round Bar .313 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft	-		0 ft	0 ft	0 ft	\$0.951666/ft	
3	M303R0.500		303 Round Bar 0.500" : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft	-		0 ft	0 ft	0 ft	\$1.973888/ft	
4	M304R0.375		304 Round Bar 0.375 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft	-		0 ft	0 ft	0 ft	\$1.188/ft	
5	M304R.500		304 SS roundbar .500 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft	-		0 ft	0 ft	0 ft	\$1.907222/ft	

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	M6061T6R0.375		6061-T6 Round Bar .375" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	-		0 ft	0 ft	0 ft	\$0.3775/ft	
7	M6061T6R0.500		6061-T6 Round Bar .500" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	-		0 ft	0 ft	0 ft	\$0.6375/ft	
8	M6061T6R0.875		6061-T6 Round Bar .875" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	-		0 ft	0 ft	0 ft	\$1.94825/ft	
										Grand Total: \$867.00
Order Notes										
<p>Procurement Quality Clauses</p> <p>A005 right of entry</p> <p>A012 chemical and physical test report</p> <p>A016 personnel qualification</p> <p>A017 raw material identification (as applicable)</p> <p>A026 certification of material conformance</p> <p>A041 quality management system</p> <p>A042 dart notification by supplier</p> <p>A043 retention of quality documents</p> <p>A048 counterfeit parts avoidance, detection, mitigation and disposition program</p> <p>A049 supplier awareness</p> <p>Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.</p>										

Plex 1/3/18 8:08 AM dart.lavoie.chantal